

## Summary for Packaging and Transport (ADR)

### Type A:

$\frac{A_{Sp}}{A_1} \leq 1$	means Type A package for special form radioactive material (of activity $A_{Sp}$ )
$\frac{A_{Ot}}{A_2} \leq 1$	means Type A package for all other radioactive material (of activity $A_{Ot}$ )
$\sum_i \frac{A_{Sp}(i)}{A_1(i)} + \sum_j \frac{A_{Ot}(j)}{A_2(j)} \leq 1$	means Type A package for mixtures of radionuclide in special and other forms

### Type B:

$\frac{A_{Sp}}{A_1} > 1$	means Type B package for special form radioactive material
$\frac{A_{Ot}}{A_2} > 1$	means Type B package for all other radioactive material
$\sum_i \frac{A_{Sp}(i)}{A_1(i)} + \sum_j \frac{A_{Ot}(j)}{A_2(j)} > 1$	means Type B package for mixtures of radionuclide in special and other forms

### Excepted package:

$\frac{A_{Sp}}{A_1} \leq 10^{-3}$	means Excepted package for special form materials (solid or gas)
$\frac{A_{Ot}}{A_2} \leq \varepsilon(form)$	means Excepted package for other form materials where: $\varepsilon(form) = 10^{-3}$ (solid or gas) $\varepsilon(form) = 10^{-4}$ (liquid materials) $\varepsilon(form) = 2 \cdot 10^{-2}$ (tritium gas material)

Consider also:

- Excepted packages for instruments or articles and mixtures
- Activity concentration for exempt material in Bq/g
- Activity limit for exempt consignment in Bq

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